

Serial No. 10/0761,936
Response to Office Action of April 7, 2005

Filed: February 7, 2002

Amendments to the Claims:

The listing of Claims will replace all prior versions and listings of the Claims in the application:

Listing of Claims

1. (Currently amended) A wireless communication system ~~capable of providing viewable segments of a mark-up language file located on a network, comprising:~~
~~a wireless communication device in communication with a proxy server, and~~
~~a remote server connected to said proxy server including said a mark-up language file;~~

a proxy server configured to communicate with said remote server, wherein said proxy server is programmed to receive a request transmittable from a wireless communication device, wherein said request is to retrieve said a predetermined mark-up language file from said wireless communication device, said request being in a first format that is converted into a second format by said proxy server, wherein said second format being is used to retrieve said mark-up language file from said remote server, wherein said proxy server separates said retrieved mark-up language file into a plurality of viewable segments and transmits a first viewable segment to said wireless communication device.

wherein said proxy server is configured to divide said mark-up language file into a plurality of viewable segments including a first viewable segment and a second viewable segment, said first viewable segment and said second viewable segment each being sized less than a display buffer of said wireless communication device.

wherein said proxy server is configured to transmit said first viewable segment and a navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment, and

wherein said proxy server transmits said second viewable segment upon receipt of a selection of said navigation aid by said wireless communication device.

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Claims 2 and 3 (cancelled).

4. (Original) The wireless communication system of claim 1, wherein said proxy server converts said viewable segments into a format compatible with said wireless communication device.

Claim 5 (cancelled).

6. (Currently amended) A method of retrieving markup language files over a wireless communication network, comprising the steps of:

generating receiving an encoded request transmittable from a wireless communication device, said encoded request containing a request for a markup language file with a wireless communication device;

transmitting said encoded request to a proxy server;

decoding said encoded request with said proxy server;

retrieving said markup language file from a remote server with said proxy server;

dividing said markup language file into a plurality predetermined number of viewable segments that are sized to fit within a display buffer of said wireless communication device, said plurality of viewable segments including a first viewable segment and a second viewable segment; and

transmitting [[a]] said first viewable segment and a navigation aid of said markup language file to said wireless communication device; and

in response to selection of said navigation aid by said wireless communication device, transmitting said second viewable segment.

Claims 7-9 (cancelled).

10. (Original) The method of claim 6, further comprising the step of encoding said viewable segments into a format that is compatible with said wireless communication device.

11. (Currently amended) A computer network for providing information to a wireless communication device, comprising:

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means for receiving a request transmittable from a wireless communication device in a first format, wherein said request is to retrieve a markup language file from said wireless communication device, wherein said request is in a first format;

means for converting said request into a second format;

means for transmitting said request to a remote server;

means for receiving a response to said request from said remote server;

means for separating said response into a plurality of viewable segments; and

means for transmitting a first viewable segment and a navigation aid to said wireless communication device[[]] ; and

said transmitting means further configured to transmit a second viewable segment to said wireless communication device in response to selection of said navigation aid with said wireless communication device.

12. (Original) The computer network of claim 11, further comprising means for ensuring said viewable segments are transmitted to said wireless communication device in a format that is compatible with said wireless communication device.

13. (Original) The computer network of claim 11, wherein said viewable segments are sized in accordance with the size of a display buffer of said wireless communication device.

14. (New) The wireless communication system of claim 1, wherein said navigation aid is selectable by said wireless communication device using a user input device selected from the group consisting of a touch screen, a keyboard and a cursor key.

15. (New) A wireless communication system, comprising:
a remote server including a mark-up language file;
a proxy server configured to communicate with said remote server, wherein said proxy server is configured to receive a request transmittable from a wireless communication device, wherein said request is to retrieve said mark-up language file, said request being in a first

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format that is converted to a second format by said proxy server, said second format usable to retrieve said mark-up language file from said remote server,

wherein said proxy server is configured to divide said mark-up language file into a first viewable segment and a second viewable segment, said first viewable segment and said second viewable segment each being sized less than a display buffer of said wireless communication device,

wherein said proxy server is configured to transmit said first viewable segment and a first navigation aid in response to said request, said first navigation aid being selectable with said wireless communication device to request said second viewable segment, and

wherein said proxy server is configured to transmit said second viewable segment and a second navigation aid upon receipt of a selection of said first navigation aid by said wireless communication device, said second navigation aid being selectable with said wireless communication device to request said first viewable segment.

16. (New) A method of retrieving markup language files over a wireless communication network, comprising the steps of:

receiving a request for a markup language file from a wireless communication device;
retrieving said markup language file from a remote server;

dividing said markup language file into a plurality of viewable segments that are sized to fit within a display buffer of said wireless communication device, said plurality of viewable segments including a first viewable segment and a second viewable segment;

transmitting a first navigation aid and said first viewable segment to said wireless communication device;

in response to selection of said first navigation aid with said wireless communication device, transmitting a second navigation aid and said second viewable segment to said wireless communication device; and

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in response to selection of said second navigation aid with said wireless communication device, transmitting said first viewable segment and said first navigation aid to said wireless communication device.

17. (New) A method of retrieving markup language files over a wireless communication network, comprising the steps of:

receiving a request for a markup language file from a wireless communication device;

retrieving said markup language file from a remote server;

determining whether a size of said markup language file is greater than a display buffer of said wireless communication device;

if said size of said markup language file is greater than said display buffer of said wireless communication device, dividing said markup language file into a plurality of viewable segments that are sized to fit within said display buffer of said wireless communication device, said plurality of viewable segments including a first viewable segment and a second viewable segment;

if said size of said markup language file is greater than said display buffer of said wireless communication device, transmitting a navigation aid and said first viewable segment to said wireless communication device, said navigation aid selectable to request said second viewable segment; and

if said size of said mark-up language file is less than said display buffer of said wireless communication device, transmitting said entire mark-up language file in its entirety to said wireless communication device.

18. The method of claim 17, wherein said size of said display buffer is determined by querying said wireless communication device.